

PATENT
Attorney Docket No. SSI-011

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Wilkie et al.

SERIAL NO.:

09/747,293

**GROUP NO.:** 

1653

FILING DATE:

December 22, 2000

**EXAMINER:** 

R. Teller

TITLE:

Methods and Compositions for Sealing Tissue Leaks

## CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 27<sup>th</sup> day of August, 2003.

Lakeisha R. Bryant

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

#### Submitted herewith is/are:

- 1. Transmittal Form (1 pg.);
- 2. Fee Transmittal (1 pg.);
- 3. Supplemental Information Disclosure Statement (2 pgs.);
- 4. Form PTO-1449 (1 pg.) with copies of IDS Citations A231-A233, B3-B10, and C1-C2;
- 5. Check in the Amount of \$180.00;
- 6. Return Receipt Postcard; and this
- 7. Certificate of First Class Mailing (1 pg.).

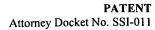
VER 9/00 2674204

|                                   | 21, 50%                                                                                                |                                              |                                                                                     |                           |                |                                                           |  |  |  |  |  |
|-----------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|----------------|-----------------------------------------------------------|--|--|--|--|--|
| $\Pi^{-}$                         | 19 7000 E                                                                                              |                                              | Application                                                                         | Serial Number             |                | 09/747,293                                                |  |  |  |  |  |
|                                   | ~                                                                                                      |                                              | Filing Date                                                                         |                           |                | December 22, 2000                                         |  |  |  |  |  |
| <b>V</b>                          | TRANSMITTA                                                                                             |                                              | First Named Inventor                                                                |                           |                | Wilkie                                                    |  |  |  |  |  |
|                                   | TRANSMITTA                                                                                             | T                                            | Group Art I                                                                         | J <b>nit</b>              |                | 1654                                                      |  |  |  |  |  |
|                                   |                                                                                                        | XL.                                          | Examiner N                                                                          | lame                      |                | R. Teller                                                 |  |  |  |  |  |
|                                   | FORM                                                                                                   |                                              | Attorney De                                                                         | ocket No.                 | 1              | SSI-011                                                   |  |  |  |  |  |
| Ī                                 |                                                                                                        | Patent No.                                   |                                                                                     | 1                         | Not applicable |                                                           |  |  |  |  |  |
|                                   |                                                                                                        |                                              | Issue Date                                                                          |                           |                | Not applicable                                            |  |  |  |  |  |
| ENCLOSURES (check all that apply) |                                                                                                        |                                              |                                                                                     |                           |                |                                                           |  |  |  |  |  |
| $\boxtimes$                       | Fee Transmittal Form                                                                                   |                                              |                                                                                     | e to File Missing         | ΙĒ             | Notice of Appeal to Board                                 |  |  |  |  |  |
|                                   | ☐ Check Attached                                                                                       |                                              | Parts of Appli                                                                      | cation                    |                | of Patent Appeals and Interferences                       |  |  |  |  |  |
|                                   | Check Attached Copy of Fee Transmittal Form                                                            |                                              | Formal Drawi                                                                        | ng(s)                     |                | Appeal Brief (in triplicate)                              |  |  |  |  |  |
|                                   | Amendment/Response                                                                                     |                                              | Request For C<br>Examination (                                                      |                           |                | Status Inquiry                                            |  |  |  |  |  |
|                                   | ☐ Preliminary<br>☐ After Final                                                                         |                                              | Transmittal                                                                         | orney<br>of Prior Powers) |                | Return Receipt Postcard                                   |  |  |  |  |  |
|                                   | ☐ Affidavits/declaration(s) ☐ Letter to Official Draftsperson                                          |                                              | Power of Atto<br>(Revocation o                                                      |                           |                | Certificate of First Class Mailing under 37 C.F.R. 1.8    |  |  |  |  |  |
|                                   | including Drawings [Total Sheets]                                                                      |                                              | Terminal Disclaimer                                                                 |                           |                | Certificate of Facsimile Transmission under 37 C.F.R. 1.8 |  |  |  |  |  |
|                                   | Petition for Extension of Time                                                                         |                                              | Executed Declaration and Power of Attorney for Utility or Design Patent Application |                           |                | Additional Enclosure(s) (please identify below)           |  |  |  |  |  |
| $\boxtimes$                       | Supplemental Information Disclosure Statement                                                          |                                              | Small Entity S                                                                      | statement                 |                |                                                           |  |  |  |  |  |
|                                   | Form PTO-1449 Copies of IDS Citations (A232-A234, B3-B10, C1-C2)                                       |                                              | CD(s) for large table or computer program                                           |                           |                |                                                           |  |  |  |  |  |
|                                   | Certified Copy of Priority Document(s)                                                                 |                                              | Amendment A                                                                         | after Allowance           |                |                                                           |  |  |  |  |  |
|                                   | Sequence Listing submission Paper Copy/CD Computer Readable Copy Statement verifying identity of above |                                              | Request for Correction  Certificate duplicate)                                      | of Correction (in         |                |                                                           |  |  |  |  |  |
| COR                               | RESPONDENCE ADDRESS                                                                                    |                                              |                                                                                     | SIGNATURE BL              | OC:            | K                                                         |  |  |  |  |  |
| Direc                             | Testa, Hu<br>High Stree<br>125 High<br>Boston, M                                                       | et Tower<br>Street<br>IA 02110<br>(617) 248- | Date: August <u>&gt;6</u> , 20<br>Reg. No. 44,244<br>Tel. No.: (617) 248-           |                           |                | Ronda P. Moore Attorney for Applicants                    |  |  |  |  |  |

# FY 2003

|                           | Complete if Known |
|---------------------------|-------------------|
| Application Serial Number | 09/747,293        |
| Filing Date               | December 22, 2000 |
| First Named Inventor      | Wilkie            |
| Group Art Unit            | 1653              |
| Examiner Name             | R. Teller         |
| Attorney Docket No.       | SSI-011           |

| METHOD OF PAYMENT                                      | FFF CALCULATION (continued)                             |        |                                                                           |          |  |  |  |
|--------------------------------------------------------|---------------------------------------------------------|--------|---------------------------------------------------------------------------|----------|--|--|--|
| 1. Payment Enclosed:                                   | FEE CALCULATION (continued)  3. ADDITIONAL FEES         |        |                                                                           |          |  |  |  |
| ☐ Check ☐ Money Order ☐ Other                          | Large                                                   | Small  | CES                                                                       |          |  |  |  |
| Money order Money                                      | Entity                                                  | Entity |                                                                           |          |  |  |  |
| 2. The Commissioner is hereby authorized to credit     | Fee                                                     | Fee    | Fee Description Fee Pai                                                   | а        |  |  |  |
| or charge any fee indicated below for this submission  | (\$)                                                    | (\$)   | recrai                                                                    | ۳        |  |  |  |
| to Deposit Account No. 20-0531.                        | (0)                                                     | (4)    |                                                                           | ı        |  |  |  |
| Required Fees (copy of this sheet enclosed).           | 130                                                     | 65     | Surcharge - late filing fee or oath                                       | $\dashv$ |  |  |  |
| Additional fee required under 37 CFR 1.16 and          | 50                                                      | 25     | Surcharge - late provisional filing fee                                   | _        |  |  |  |
| 1.17.                                                  | ]                                                       | 23     | or cover sheet                                                            |          |  |  |  |
| Overpayment Credit.                                    | 130                                                     | 130    | Non-English specification                                                 |          |  |  |  |
| 3. Applicant claims small entity status.               | 2,520                                                   |        |                                                                           |          |  |  |  |
|                                                        | 4 1                                                     | 2,520  | Request for ex parte reexamination                                        |          |  |  |  |
| FEE CALCULATION  1. FILING FEE                         | 110                                                     | 55     | Extension for reply within first month                                    | _        |  |  |  |
| I. FILING FEE                                          | 410                                                     | 205    | Extension for reply within second month                                   |          |  |  |  |
| Large Entity                                           | 930                                                     | 465    |                                                                           | -        |  |  |  |
| Fee (\$) Fee Description Fee Paid                      | 1450                                                    | 725    | Extension for reply within third month  Extension for reply within fourth | _        |  |  |  |
| rec (3) rec Description rec raid                       | 1430                                                    | 123    | month                                                                     |          |  |  |  |
|                                                        | 1970                                                    | 985    | Extension for reply within fifth month                                    | $\dashv$ |  |  |  |
| 750 Utility filing fee                                 | 320                                                     | 160    | Notice of Appeal                                                          |          |  |  |  |
| 330 Design filing fee                                  | 320                                                     | 160    | Filing a brief in support of an appeal                                    | $\dashv$ |  |  |  |
| 160 Provisional filing fee                             | 280                                                     | 140    | Request for oral hearing                                                  | $\neg$   |  |  |  |
| -                                                      | 130                                                     | 130    | Petitions to the Commissioner                                             |          |  |  |  |
|                                                        | 180                                                     | 180    | Submission of Information Disclosure 180.0                                | 0        |  |  |  |
| Number Number Rate Amount                              |                                                         |        | Statement                                                                 |          |  |  |  |
| Filed Extra                                            | 750                                                     | 375    | Filing a submission after final                                           |          |  |  |  |
|                                                        |                                                         |        | rejection (37 CFR 1.129(a))                                               |          |  |  |  |
| Total Claims $-20 = x \$ 18.00 =$                      | 750                                                     | 375    | For each additional invention to be                                       | $\dashv$ |  |  |  |
|                                                        | ·                                                       |        | examined (37 CFR 1.129(b))                                                |          |  |  |  |
| Independent                                            | 100                                                     | 100    | Certificate of Correction for                                             |          |  |  |  |
| Claims $-3 = x \$ 84.00 =$                             |                                                         |        | applicant's error                                                         |          |  |  |  |
|                                                        | 110                                                     | 55     | Submission of Terminal Disclaimer                                         |          |  |  |  |
| ☐ Multiple Dependent Claim(s), if any \$280.00 =       | Other fee (Sp                                           | • /    |                                                                           |          |  |  |  |
| mom                                                    | Other fee (Sp                                           | ecify) |                                                                           |          |  |  |  |
| TOTAL:<br>SMALL ENTITY DISCOUNT:                       |                                                         |        |                                                                           |          |  |  |  |
| SUBTOTAL (1) (\$) 0.00                                 |                                                         |        |                                                                           |          |  |  |  |
| 2. AMENDMENT CLAIM FEES                                |                                                         |        |                                                                           |          |  |  |  |
| Claims Highest No. Present Rate Fee Paid               |                                                         |        | GUPTOTA I (2)                                                             |          |  |  |  |
| Remaining Previously Extra                             |                                                         |        | <b>SUBTOTAL</b> (3) (\$) 180.0                                            | Ч        |  |  |  |
| After Amend. Paid For                                  |                                                         |        |                                                                           |          |  |  |  |
|                                                        |                                                         |        | <u></u>                                                                   |          |  |  |  |
| Total - = x \$ 18.00 =                                 | <b>.</b><br>:                                           |        | SUBTOTAL (1) 0.0                                                          |          |  |  |  |
| Indep $x \$ 84.00 =$                                   | SUBTOTAL (2) 0.00                                       |        |                                                                           |          |  |  |  |
| First Presentation of Multiple Dep. + \$280.00 = Claim |                                                         |        | SUBTOTAL (3) 180.0                                                        | 0        |  |  |  |
|                                                        |                                                         |        |                                                                           | _        |  |  |  |
| TOTAL: (\$) SMALL ENTITY DISCOUNT: (\$)                |                                                         |        |                                                                           | į        |  |  |  |
| SUBTOTAL (2) (\$)0.00                                  | TOTAL (\$) 180.00                                       |        |                                                                           |          |  |  |  |
|                                                        | TOTAL (\$) 180.00                                       |        |                                                                           |          |  |  |  |
| CORRESPONDENCE ADDRESS                                 | SIGNATURE BLOCK                                         |        |                                                                           |          |  |  |  |
| Direct all correspondence to:                          |                                                         |        | Respectfully submitted,                                                   | ヿ        |  |  |  |
| Patent Administrator                                   |                                                         |        |                                                                           |          |  |  |  |
| Testa, Hurwitz & Thibeault, LLP                        |                                                         |        | Kandal. More                                                              |          |  |  |  |
| High Street Tower-125 High Street                      | Reg. No.: 44,244 Ronda P. Moore                         |        |                                                                           |          |  |  |  |
| Boston, MA 02110                                       | Tel. No.: (617) 248-7044 Attorney for Applicants        |        |                                                                           |          |  |  |  |
| Tel. No.: (617) 248-7000                               | Fax No.: (617) 248-7100 Testa, Hurwitz & Thibeault, LLP |        |                                                                           |          |  |  |  |
| Fax No.: (617) 248-7100                                |                                                         |        | High Street Tower-125 High Street                                         |          |  |  |  |
|                                                        |                                                         |        | Boston, MA 02110                                                          |          |  |  |  |





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Wilkie et al.

SERIAL NO.:

09/747,293

**GROUP NO.:** 

1653

FILING DATE:

December 22, 2000

**EXAMINER:** 

R. Teller

TITLE:

Methods and Compositions for Sealing Tissue Leaks

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

### **REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

|             | (1)         | within three (3) months of the <b>filing date</b> of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the <b>date of entry of the national stage</b> as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the <b>first Office action</b> on the merits, or before the mailing of a <b>first Office action</b> after the filing of a request for continued examination under 37 C.F.R. 1.114; or |
|-------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $\boxtimes$ | (2)         | after the period defined in (1) but before the mailing date of a <b>final action</b> or a <b>notice</b> of allowance under 37 C.F.R. 1.311, and                                                                                                                                                                                                                                                                                                                                                                  |
|             |             | the requisite Statement is below, OR                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|             | $\boxtimes$ | the requisite fee under 37 C.F.R. 1.17(p), namely \$180.00, is included herein, or                                                                                                                                                                                                                                                                                                                                                                                                                               |
|             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

09/02/2003 KBETERA1 00000035 09747293

01 FC:1806

180.00 OP

Supplemental Information Disclosure Statement Serial No. 09/747,293 Page 2 of 2

|        | (3) |      | after the mailing date of a <b>final action</b> or <b>notice of allowance</b> but before the payment of the <b>issue fee</b> , <b>AND</b>                                                                                                                                                                                                                                                                                                                                                                   |
|--------|-----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |     | ]    | the requisite Statement is below, AND                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|        |     | ]    | the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein.                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | =   |      | ally requested that each of the patents and publications listed on the attached Form ner information contained herein, be made of record in this application.                                                                                                                                                                                                                                                                                                                                               |
|        |     |      | STATEMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| [check | -   | prop | under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that priate space only if either (2) or (3) is checked on the previous page and the ired]:                                                                                                                                                                                                                                                                                                                              |
|        |     | 1.   | Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application <b>not more than three months</b> prior to the filing of the Information Disclosure Statement; or                                                                                                                                                                                                                         |
|        |     | 2.   | No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to <b>any individual</b> designated in 37 C.F.R. 1.56(c) <b>more than three months</b> prior to the filing of the Information Disclosure Statement. |

Respectfully submitted,

Date: August <u>26</u>, 2003 Reg. No. 44,244

Tel. No.: (617) 248-7044 Fax No.: (617) 248-7100

VER 12/00 2674196-1

Monda P. Moore

Attorney for Applicants

Testa, Hurwitz, & Thibeault, LLP

High Street Tower 125 High Street

Boston, Massachusetts 02110





| RADEN                               |                                   |                                                                                                                                                              |                                                                                                                                                                                   |          |               |                             |              |                |                  |                                 | TEET TOP T            |  |
|-------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|-----------------------------|--------------|----------------|------------------|---------------------------------|-----------------------|--|
| FORM F                              | PTO - 1                           | 449                                                                                                                                                          |                                                                                                                                                                                   |          |               | ATTOR                       | NEY DO       | CKET NO.       | : SSI-01         | 1                               | <del>-</del>          |  |
| SUPPLEMENTAL INFORMATION DISCLOSURE |                                   |                                                                                                                                                              |                                                                                                                                                                                   |          |               | APPLICANT(S): Wilkie et al. |              |                |                  |                                 |                       |  |
| STATE                               | VENT                              |                                                                                                                                                              |                                                                                                                                                                                   | SERIAL   | NO.: 09       | /747,293                    |              |                |                  |                                 |                       |  |
|                                     |                                   |                                                                                                                                                              |                                                                                                                                                                                   |          |               |                             | DATE: [      | ecember:       | 22, 2000         |                                 |                       |  |
|                                     |                                   |                                                                                                                                                              |                                                                                                                                                                                   |          |               | GROUF                       |              |                | •                |                                 |                       |  |
|                                     |                                   |                                                                                                                                                              |                                                                                                                                                                                   | <u> </u> |               | DOCUI                       |              |                |                  |                                 |                       |  |
|                                     |                                   |                                                                                                                                                              |                                                                                                                                                                                   |          |               | DOCOI                       | VILIVIO      | T 01 400       | l our            |                                 |                       |  |
| EXAM.<br>INIT.                      |                                   |                                                                                                                                                              |                                                                                                                                                                                   |          | NAME          | CLASS                       |              |                | CLASS            | SUB FILING DATE CLASS APPROPRIA |                       |  |
| _                                   | A231 4,526,714 07/02/85 Feijen et |                                                                                                                                                              |                                                                                                                                                                                   |          |               | t al.                       |              |                | 12/13/82         |                                 |                       |  |
|                                     | A232 5,376,692 12/27/94 Park et a |                                                                                                                                                              |                                                                                                                                                                                   |          | al.           |                             |              | 05/15/92       |                  |                                 |                       |  |
|                                     | A233                              | 5,632,776                                                                                                                                                    | 05/27/97                                                                                                                                                                          | 7        | Kurumat       | tani et al.                 |              | }              | 08/15/94         |                                 |                       |  |
|                                     | -                                 |                                                                                                                                                              | FOR                                                                                                                                                                               | EIGI     | N PATE        | NT DO                       | CUMENT       | rs             |                  |                                 |                       |  |
| EXAM.<br>INIT.                      |                                   | DOCUMENT<br>NUMBER                                                                                                                                           |                                                                                                                                                                                   | 1        | OUNTRY<br>ODE | CLASS                       | SUB<br>CLASS | FILING<br>DATE | ABSTRACT<br>ONLY |                                 | ENGLISH<br>LANG (Y/N) |  |
|                                     | B3 0 244 688 A2                   |                                                                                                                                                              | 11/11/87                                                                                                                                                                          | I/87 EP  |               |                             |              | 04/18/87       | No               |                                 | Yes                   |  |
|                                     | В4                                | 0 466 966 A1                                                                                                                                                 | 01/22/92                                                                                                                                                                          | EP       |               |                             |              | 07/20/90       | No               |                                 | Yes                   |  |
|                                     | B5                                | 0 503 741 A1                                                                                                                                                 | 09/16/92                                                                                                                                                                          | EP       | -             |                             | 03/11/92 No  |                | No               |                                 | Yes                   |  |
|                                     | В6                                | WO 92/13025                                                                                                                                                  | 08/06/92                                                                                                                                                                          | PC.      | Т             |                             | 01/27/92     |                | No               |                                 | Yes                   |  |
|                                     | В7                                | WO 94/21306                                                                                                                                                  | 09/29/94                                                                                                                                                                          | PC       | Т             |                             |              | 03/15/94       | No               |                                 | Yes                   |  |
|                                     | B8 WO 96/03159 02/08/9            |                                                                                                                                                              |                                                                                                                                                                                   | PCT      |               |                             | 06/23/       |                | No               |                                 | Yes                   |  |
|                                     | B9 WO 97/42986 11/20/97 PCT       |                                                                                                                                                              | Т                                                                                                                                                                                 |          |               | 05/14/97                    | No           |                | Yes              |                                 |                       |  |
|                                     | B10                               | WO 99/04761                                                                                                                                                  | <i>j</i> 62/04/99                                                                                                                                                                 | PC       | T             |                             |              | 07/22/98       | No               |                                 | Yes                   |  |
| L                                   |                                   |                                                                                                                                                              | OTHER A                                                                                                                                                                           | ART      | , JOUR        | NAL AR                      | TICLES       | ETC.           |                  |                                 |                       |  |
| EXAM.<br>INIT.                      | ОТН                               | ER DOCUMENT                                                                                                                                                  | S: (Includ                                                                                                                                                                        | ding ,   | Author,       | Title, Date                 | , Relevan    | t Pages, Pl    | ace of Pu        | blicat                          | tion)                 |  |
|                                     | C1                                | 17                                                                                                                                                           | ne et al., "Degradability of crosslinked albumin as an arterial polyester prosthesis coatin<br>and <i>in vivo</i> rat studies," <u>Biomaterials</u> , Vol. 7, pp. 268-272 (1986). |          |               |                             |              |                | esis coating     |                                 |                       |  |
|                                     | C2                                | Copy of International Search Report for International Patent Application No. PCT/US00/35189, mailed from the International Search Authority on May 29, 2001. |                                                                                                                                                                                   |          |               |                             |              |                |                  |                                 |                       |  |

**DATE CONSIDERED** 

VER 9/00 2672066

**EXAMINER**